

Material Safety Data Sheet

Cola[®] Zoline IS

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Emergency Telephone #
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SECTION I – PRODUCT INFORMATION

Product Name: Cola[®] Zoline IS FILE: Cola[®] Zoline IS
Chemical Name: Mixture
C.A.S. No.: 68334-69-0
Hazard Rating: Health – 3 Flammability – 1 Reactivity – 0

Direct Phone: 423/837-8800

THE CHEMTREC NUMBER IS TO BE CALLED ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT INVOLVING CHEMICALS.

SECTION II – HAZARDOUS INGREDIENTS / COMPONENTS

INGREDIENT	CAS #	WT. %	TWA/TLV
1-(2-Hydroxyethyl)-3-octadecylimidazoline-2-one	68334-69-0	92	NE
2-[(2-aminoethyl) amino] ethanol	111-41-1	2	NE

SECTION III – PHYSICAL DATA

Appearance: Clear amber liquid
Odor: Strong ammonical
pH (10% Aqueous): 10.5 – 12.0
Viscosity: 450 cps @ 25° C
Boiling Point: > 215° C
Specific Gravity: < 0.93 @ 60° F
Solubility in Water: Dispersible

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point: > 210°F
Extinguishing Media: CO₂, foam, dry chemical, BC/ABC Fire Extinguishers
Unusual Fire and Explosion Hazard: Products of combustion are toxic. Treat as hot oil or fat. If water must be used, use a fog nozzle to avoid spattering of hot material and spread of burning liquid.
Special Fire-fighting Procedures: Firefighters should wear NIOSHA/MSHA approved self-contained breathing apparatus to avoid exposure to vapors and smoke. Cool exposed containers with water spray.

SECTION V – REACTIVITY DATA

Stability:	Stable
Hazardous Polymerization:	Will not occur
Conditions To Avoid:	None known
Incompatibility:	Strong acids and strong oxidizing agents
Hazardous Decomposition Products:	Oxides of carbon and nitrogen

SECTION VI – HEALTH HAZARD DATA

ROUTES OF ENTRY: Skin and eyes

EFFECTS OF OVEREXPOSURE: Based upon the results of animal toxicity studies, it is anticipated that this material will be harmful upon ingestion and direct contact will produce moderate to severe irritation. Product will probably produce eye irritation and possible eye damage.

OVEREXPOSURE MAY AGGRAVATE EXISTING CONDITIONS: No effects indicated.

FIRST AID MEASURES:

EYES: Hold eyelids open and flush with copious amounts of water for at least fifteen minutes. Consult physician.

SKIN: Remove contaminated clothing. Wash contacted area with copious amounts of soap and water for at least 15 minutes. Launder contaminated clothing before reuse. Consult physician.

INGESTION: Do not induce vomiting! Call a physician or Poison Control Center immediately. If victim is conscious and alert, give large quantities of water or milk to drink.

INHALATION: Remove to fresh air. If necessary, give oxygen, artificial respiration. Contact physician if respiratory irritation develops.

*****PRODUCT IS NOT LISTED IN NTP, IARC, OR OSHA AS A CARCINOGEN*****

SECTION VII – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid contact with skin and eyes. Spilled material is quite slippery. Keep container tightly closed when not in use. Use NIOSHA/MSHA approved self-contained breathing apparatus where mists or vapors are generated.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED Or SPILLED: Absorb or contain spill with an inert material such as dry sand or earth. Store liquid and solid in separate containers for disposal. Prevent from entering sewers and natural waterways.

SECTION VIII – REGULATORY INFORMATION

TSCA:	all ingredients contained in this product are listed in the TSCA inventory.
SARA TITLE III, SECTION 302,304,313:	None
SARA TITLE III, SECTION 311,312:	1-(2-Hydroxyethyl)-2-octadecenyl (imidazoline), CAS #, 68334-69-0 2-[(2-Aminoethyl) amino] ethanol, CAS #, 111-41-1
CERCLA:	None
California Proposition 65:	None

SECTION VIII – REGULATORY INFORMATION (CONTINUED)

MASSACHUSETTS RIGHT -TO-KNOW:	2-[(2-Aminoethyl) amino] ethanol, CAS #, 111-41-1, 2% typical max. concentration.
NEW JERSEY RIGHT-TO-KNOW:	2-[(2-Aminoethyl) amino] ethanol, CAS #, 111-41-1, 2% typical max. concentration.
PENNSYLVANIA RIGHT-TO-KNOW:	2-[(2-Aminoethyl) amino] ethanol, CAS #, 111-41-1, 2% typical max. concentration.

SECTION IX – WASTE DISPOSAL

Waste Disposal Method: In accordance with local, state and federal regulations.

SECTION X – PERSONAL PROTECTION

RESPIRATORY PROTECTION:	If vapors or mists are generated use NIOSHA/MSHA approved self-contained breathing apparatus.
VENTILATION:	If vapors or mists are generated use proper ventilation practices.
PROTECTIVE GLOVES:	Use impervious gloves such as Neoprene.
EYE PROTECTION:	Use chemical goggles.
OTHER PROTECTIVE EQUIPMENT:	Wear protective clothing (long sleeves and pant legs) to prevent skin contact. Eyewash and safety shower in work area.

SECTION XI – TRANSPORTATION INFORMATION

Proper Shipping Name:	Corrosive Liquid, N.O.S
DOT Hazard Class:	Class 8
UN Number:	UN 1760
Packing Group:	III

HEALTH	3
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

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REVISED: 07-20-2006/J.STAFFORD